

FIG. 1

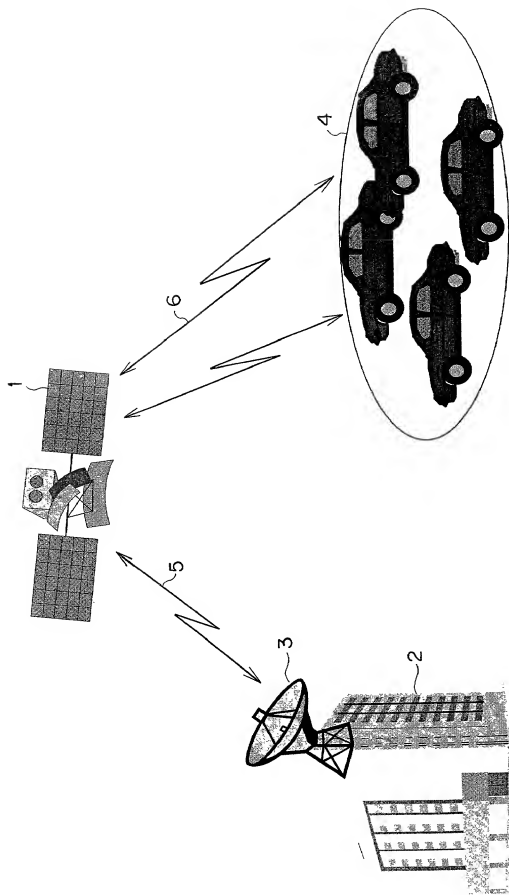


FIG. 2

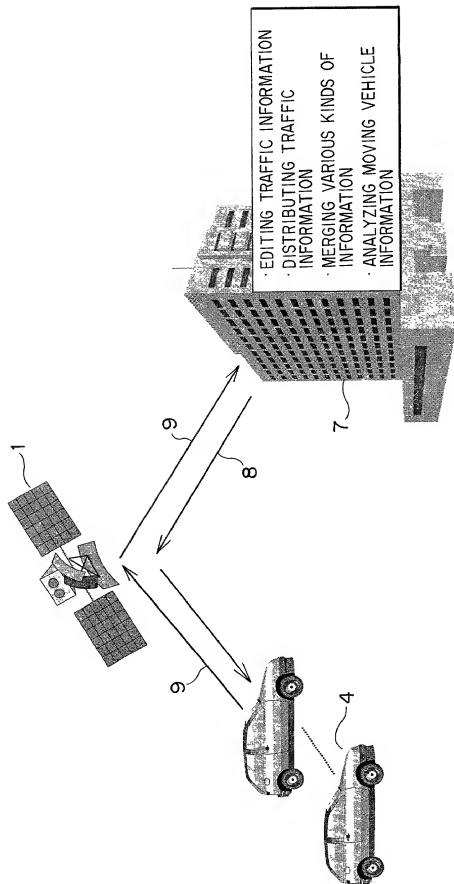


FIG.4

DRIVER'S ACTION RECORD

TOKYO IC (12:15)→DRIVE

→ASHIGARA SA (13:00) SMOOTH DRIVE

ASHIGARA SA (13:00) REST (FOR 25 MIN.)

FIG. 5

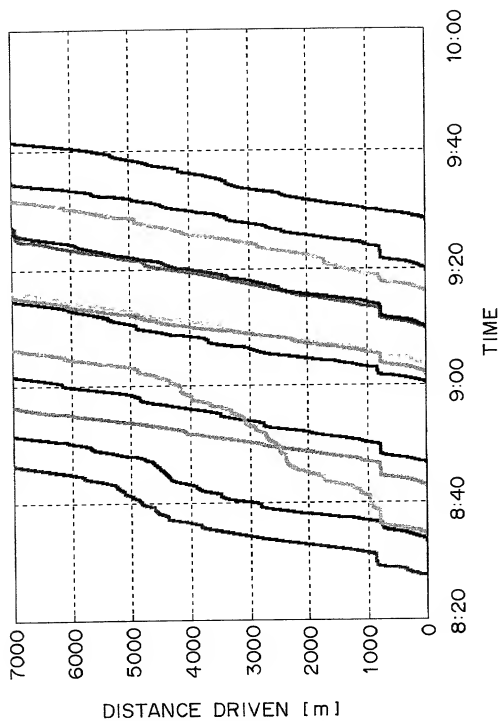


FIG. 6

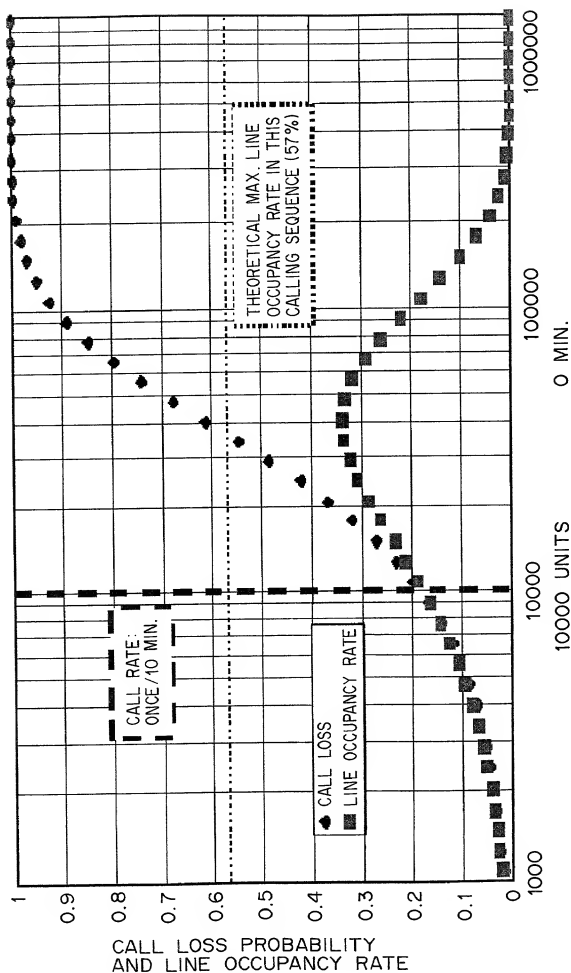


FIG. 7

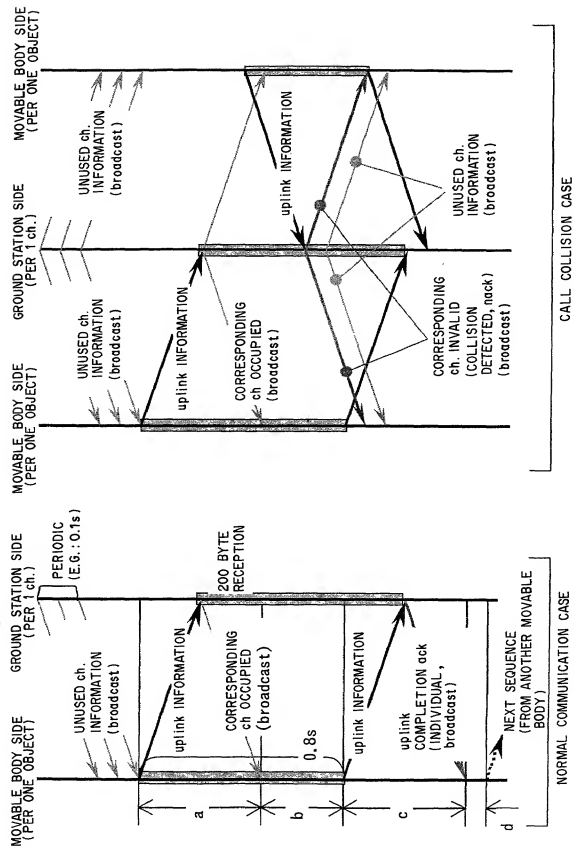


FIG. 8

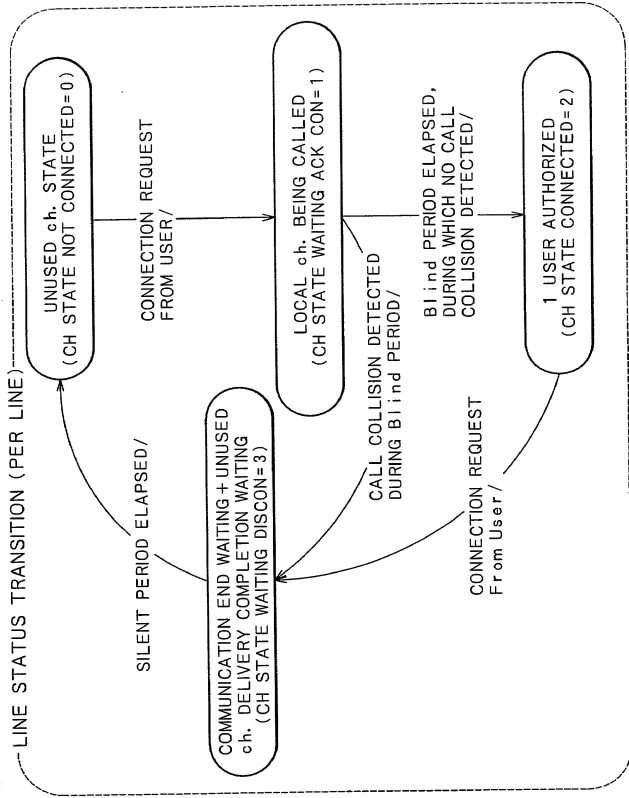
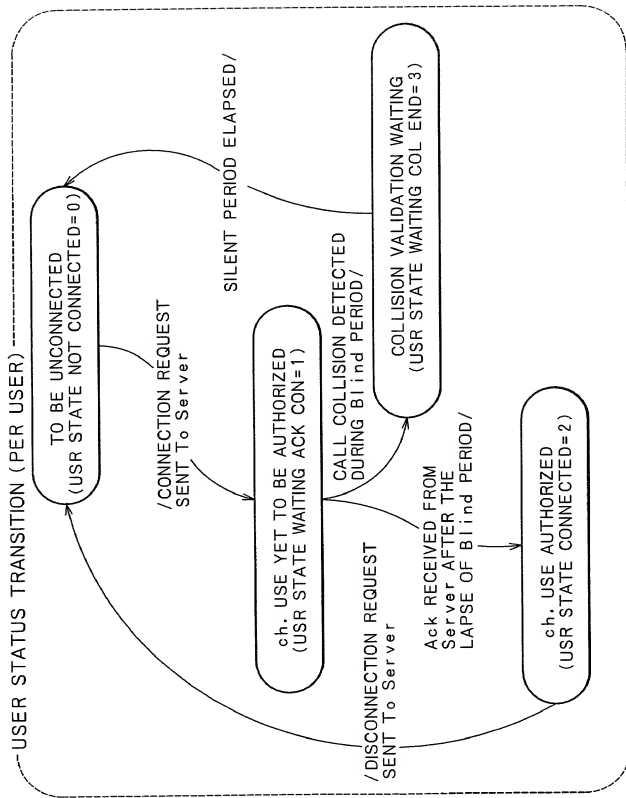


FIG. 9



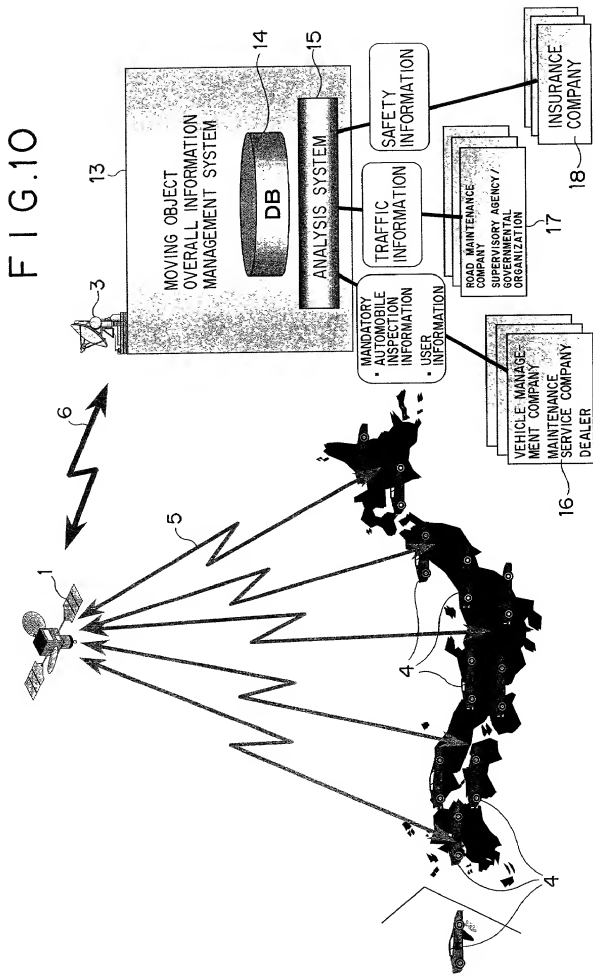


FIG. 11

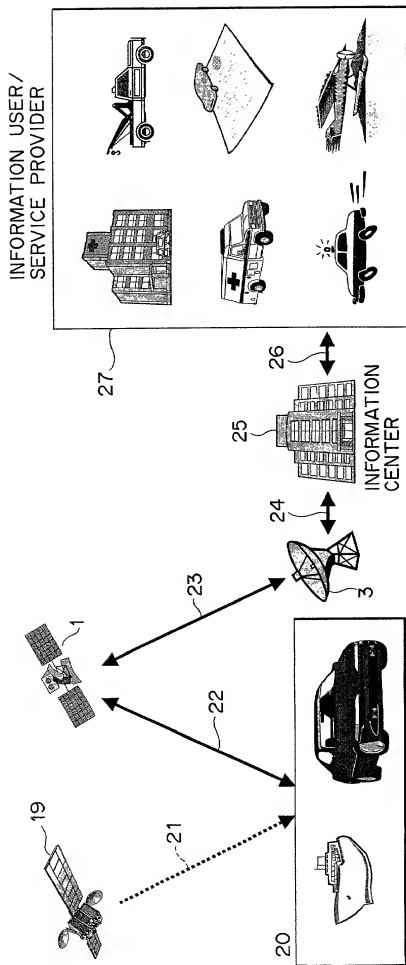


FIG. 13

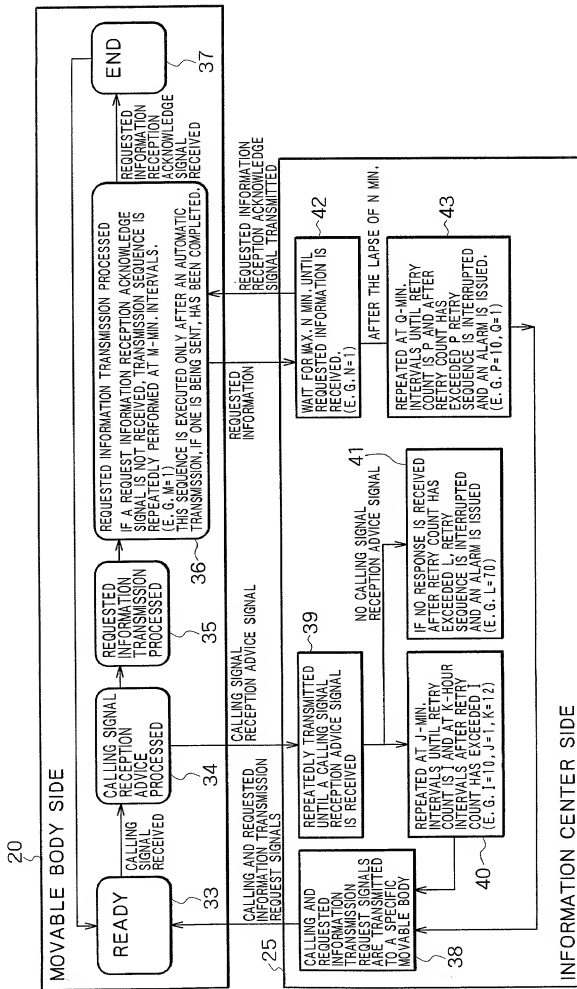


FIG. 14

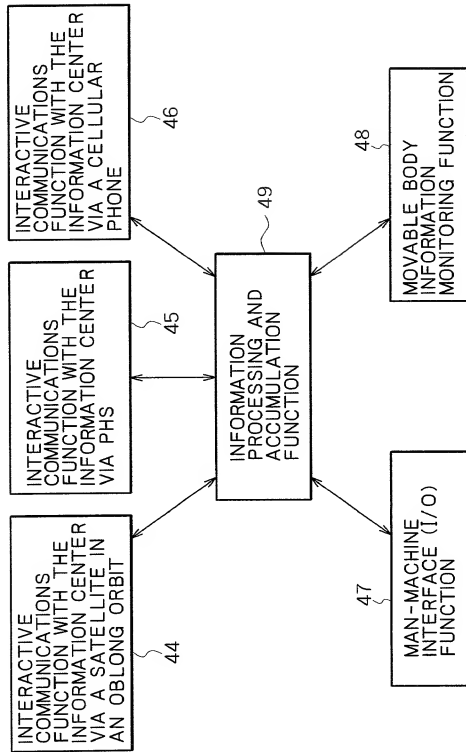


FIG. 15

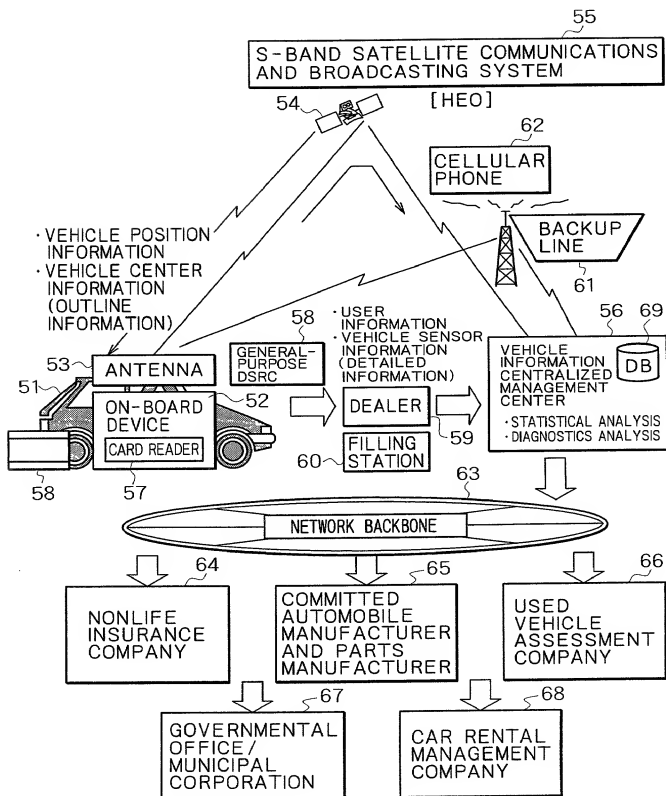


FIG. 16

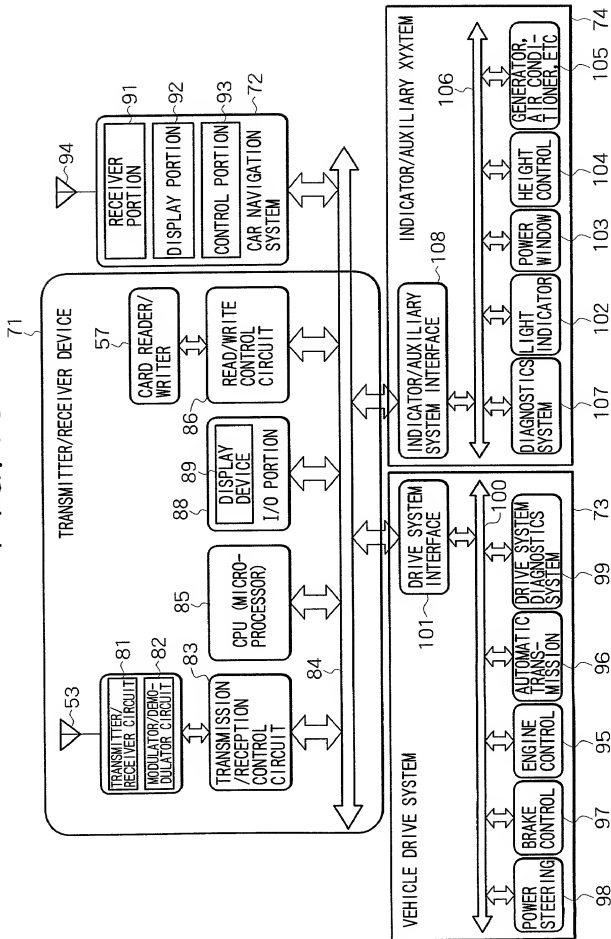


FIG. 17

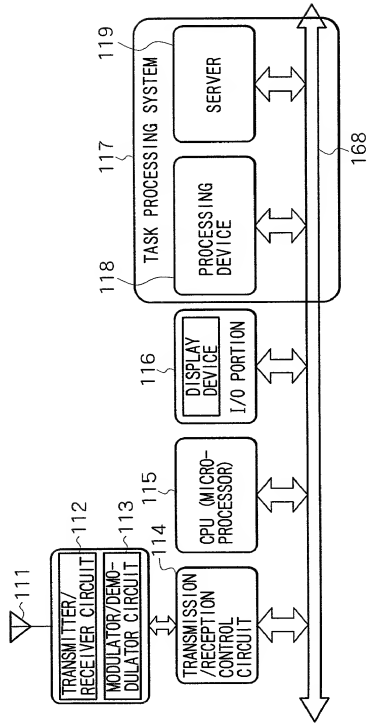
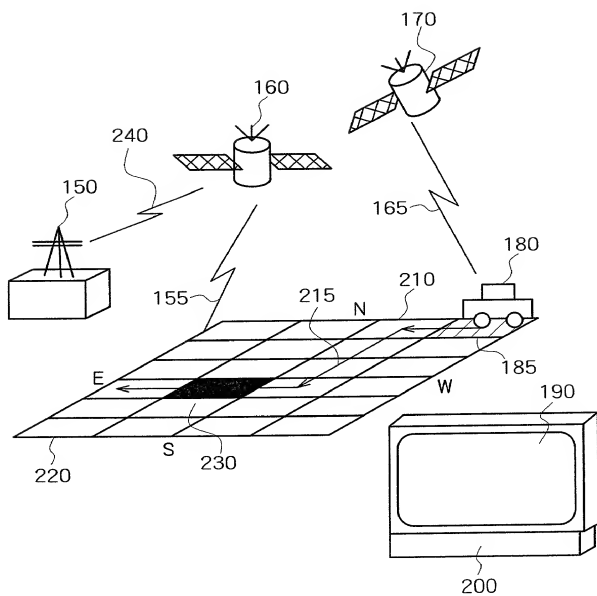


FIG. 18



START

FIG. 19

TRANSMIT A SIGNAL TO CENTER AT THE SAME TIME THAT VEHICLE IS STARTED ~S1

TRANSMIT ACKNOWLEDGE MESSAGE FROM CENTER TO VEHICLE ~S2

S3
IS INFORMATION PROVIDING AUTHORIZED ? No → END

YES
COLLECT AND STATISTICALLY ANALYZE INDIVIDUAL VEHICLE INFORMATION ~S4

COLLECT AND STATISTICALLY ANALYZE VEHICLE INFORMATION FOR SPECIFIC PURPOSE ~S5

SUBROUTINE FOR ADDING SERVICE (POINTS, ETC.) ~S6

ENCODE DATA ~S7

TRANSMIT THE ENCODED DATA TO CENTER ~S8

DECODE THE DATA AT CENTER ~S9

STORE UNPROCESSED DATA FOR EACH VEHICLE MODEL ~S10

S11
STATISTICAL ANALYSIS FOR EACH MODEL

S12
PERFORMANCE ANALYSIS AND DIAGNOSING OF EACH PART

E. G.
(1) IS NEW FUNCTION USED ?
(2) IS UTILIZATION MODE BY MODEL UNIQUE ?
• TIME BAND, DAY OF WEEK, COMMERCIAL OR NOT

E. G.
(1) IS TEMPERATURE NORMAL ?
(2) IS PRESSURE NORMAL ?
(3) IS PRODUCE LIFE ADEQUATE ?
ETC.

STORE ANALYSIS DATA ~S13

S14
SELL THE DATA TO COMMITTED AUTOMOBILE MANUFACTURER

S15
SELL THE DATA TO PARTS MANUFACTURER

INCORPORATED IN VEHICLE DESIGN

S16
SELL THE DATA TO NONLIFE INSURANCE COMPANY

INSURANCE PREMIUMS ARE COMPUTED ACCORDING TO VEHICLE UTILIZATION AND TRAVELING ROUTE

S17
SELL THE DATA TO USED VEHICLE ASSESSMENT COMPANY

ACCURATE ONLINE ASSESSMENT OF USED VEHICLES IS PERFORMED

S18
SELL THE DATA TO DEALER

ON-DEMAND SALES ACCORDING TO NEEDS, AGE, AND SEX OF THE PURCHASER

INFORMATION COLLECTION / STATISTICAL ANALYSIS

INFORMATION PROCESSING / ANALYSIS

INFORMATION DISTRIBUTION / PROVIDING

100280-95151660

FIG. 20

